

# MARKANDEYA SINGH

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Block# 321, Gudaibiya, Manama, Kingdom of Bahrain.

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Mechanical Engineer & multi-skilled professional with result-oriented approach and proven credentials in varied fields like Plant Maintenance, Factory Automation, Asset Upkeep, Vendor Management, Spares & Service Procurement, Budgeting, Project Management Exposure to Chemical, Paint and Steel Industry, having worked in Greenfield Project with **9** years of extensive & diverse experience.

## OBJECTIVE

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To seek a challenging environment that encourages conditions for learning and stimulates personal and professional growth and provides exposure to new ideas and creativity.

## PROFESSIONAL SYNOPSIS

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- Possess good knowledge and understanding in Erection, Commissioning, and Material procurement for Engineering Projects & Maintenance.
- Recognized for Reliability and “getting the job done” through persistence and Dedicated work ethic.
- Ability to manage multiple tasks simultaneously and believe in teamwork.
- Possess good leadership qualities, Strong Analytical & Communication skills.
- Adaptable, flexible, quick learner, and interested in Innovation.

## EXPERIENCE SUMMARY

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### **Asian Paints Limited.**

**Designation: Senior Engineer - Plant Maintenance & Projects.**

**Location: Bahrain - International Business Unit (Duration: October 2019 - Till date)**

**Location: Khandala, Pune (Duration: July 2015 - September 2019)**

### **Job Profile:**

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- Timely maintenance of equipment through Asset care to ensure smooth operation & optimum availability of equipment.
- Planning & procurement of essential spares, planning & execution of engineering projects for Capex & revenue, Estimation & budgeting for Spares, Maintenance expenses for the upcoming financial year.
- Planning and effecting preventive maintenance schedules of equipment to increase their reliability.
- Possess good expertise, hands-on experience in Paint processing & Automated Packing equipment's like TSD, Mixers, Pigging lines, Porta-Silo Bulk powder handling equipment, Aero-Mechanical Conveyors, Gravimetric & Volumetric filling machines, Automated Packing machines, ABB robots, Color tinting dispensers.
- Focused on Asset care practices like Root cause analysis & Implementation of corrective and preventive actions & horizontal deployment of CAPA actionable for continuous improvement.

- Regular inspection of fire protection systems, security, facilities & MEP systems.
- Suggestion & Implementation of process improvement projects for energy conservation, cycle time & cost reduction to achieve substantial reduction in Operation & maintenance expenditures.
- Proactively identifying areas of obstruction/breakdowns and taking steps to rectify the systems to optimize key performance indicators (KPI) like uptime, performance, quality & efficiency OEE.
- Handled breakdowns from all aspects by troubleshooting from Mechanical, Instrumentation & Electrical perspectives.
- Enrooting all maintenance tasks through ERP (SAP) notifications to ensure accessible history.
- Responsible for timely maintenance & calibration of equipment & generated ISO test certificates to comply with legal requirements, having good knowledge on the calibration of instruments like Pressure relief valves, Static & Dynamic load cells, Ultrasonic level sensors, Load testing of lifting tools & material handling equipment.
- Good expertise & knowledge of DCS, PLC programming & troubleshooting variable frequency drives of Siemens, ABB, SEW, Schneider, Mitsubishi & Infranor make.
- Drafting & updating factory layouts like Emergency evacuation plan, Firefighting resources, Electrical line diagrams to comply with visual management requirements.
- Ensuring safety by complete adherence to Work Permit and LOTO system.
- Training team members & technicians on operation & autonomous maintenance of equipment.
- Recognized for establishing and successful implementation of ISO 45001:2015 Risk Assessment Matrix and related Procedure / SOP.

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**JSW Steel Ltd., Bellary, Karnataka.**

**Duration: 12<sup>th</sup> August 2013 - 22<sup>nd</sup> June 2015.**

**Designation: Jr. Engineer Projects.**

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**Job Profile:**

- Worked in Coordination with JFE Steel & Japan Steel Plantech Co. (SPCO) for Cold Rolling Mill (CRM-II) greenfield Project.
- Responsible for Erection & commissioning of Piping Media for Hydraulics, Pneumatics, Gaseous lines for Furnace, Steam lines as per IBR standards & centralized lubrication Systems in Continuous Annealing Line.
- Planned & executed testing procedures like Hydro test, DP test, pickling, flushing & generated test reports.
- Executed erection & commissioning of Machinery, Hydraulic Power Pack equipment like, Axial piston pumps, screw pump, vane pump, Valve stands, Heat exchangers, Nitrogen charged bladder accumulators.
- Good understanding of Mechanical & Civil drawings, Piping P&ID, and Hydraulic/pneumatic schematics.
- Ensured smooth operation of all Hydraulic and Pneumatic Actuators by configuration, fine-tuning of flow, pressure, and direction control valves as per P&ID parameters to achieve desired process cycle time.
- Planning, Procurement of Piping raw material & accessories for liquid, steam & gas applications by obtaining quotations from vendors, commercial comparison & technical recommendation for Indent.
- Overseeing the maintenance of the project after completion & simultaneously procuring critical spare parts.

## Technical Training

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- Internship at **CIPET** (Central Institute of Plastic Engineering & Technology), Cherlapally, Hyderabad.  
Duration: 6 months (May 2012 - Nov 2012)
- Trained in Operation & Maintenance of Automated Injection Molding Machine.
- Trained & certified for CAD/CAM software like AutoCAD, Pro-E (Wildfire 5.0), Unigraphics (NX8).
- Trained & certified for Internal Auditing ISO 9001:2015 & ISO 14001:2015 by Bureau Veritas.

## ACADEMIC QUALIFICATION

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- Diploma in Mechanical Engineering approved by State Board of Technical Education & Training at Jawaharlal Nehru Government Polytechnic, Hyderabad, (2010-2013), (Grade: First Class, with 74.52%)
- S.S.C from Sri Vivekananda High School (2010), Hyderabad (Grade: A1, with 87.34%)

## KEY SKILLS

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- Superior familiarity with computer software's like MS Office applications, ERP - SAP (PM module)
- Good knowledge of Design software like AutoCAD, Pro-E (Wildfire 5.0), Unigraphics (NX8).
- Hands-on experience in ABB DCS & PLC programming software's like Siemens, ISaGraf.
- Demonstrated ability to work as a team player as well as an individual with good communication skills.
- Resolving complex technical issues and coming up with fast efficient solutions.

## PERSONAL DETAILS

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Date of birth : 14<sup>th</sup>-July-1995.  
Languages Known : English, Hindi & Telugu.  
Marital Status : Single.  
Passport No. : N4669542.  
CPR No. : 950739332.

## DECLARATION

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I hereby declare that the above-written particulars are true to the best of my knowledge and belief.  
I am confident that if given the opportunity to showcase my skills and enthusiasm, I display my skills and impart my knowledge to a great extent.



MARKANDEYA SINGH